

SRO Data Replicator

SDR

SDR enables organizations to distribute data from existing enterprise databases to remote offices and mobile workers. Providing corporate level quality of service where connectivity may be intermittent or unavailable.

Remote offices with limited or variable bandwidth and connectivity, can both obtain the same quality of service levels and optimised performance.

SDR enables companies to manage their Maximo data across multiple sites, geographies and platforms through its unique, patented technology for two-way, read-write replication of databases.

Support your disconnected operations, provide better performance for mobile and remote users, without compromising data integrity.

Why SRO Data Replication?

- Minimal bandwidth utilization
- Low maintenance
- Collision avoidance
- Session recovery
- Dynamic data slicing
- Scalability



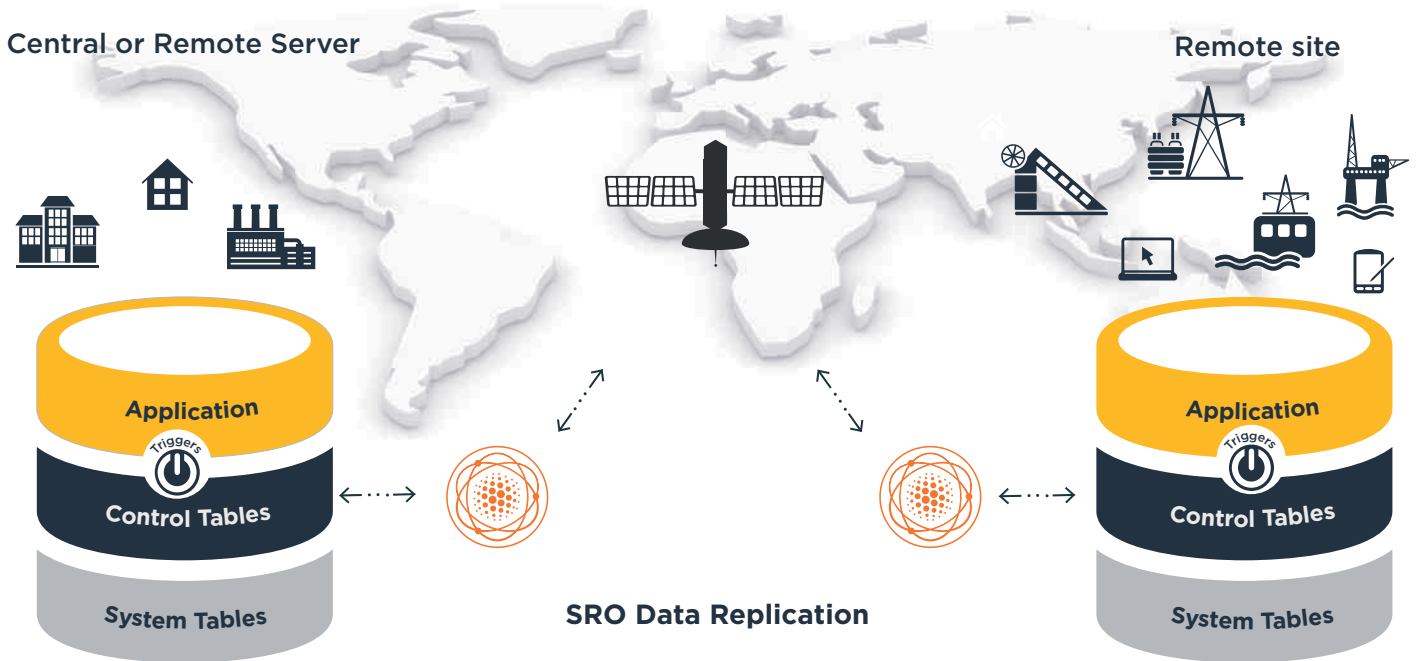
**Connecting data
beyond your
network ...**



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Connecting your Organization

Site Types

Need data at your head office, a satellite location, a warehouse or even on a single user laptop?

SDR can provide licences and flexibility to suit your needs, sharing the full or only part of your data set.

Topologies

Hub and spoke, peer to peer, cloud and spoke - all these topologies are available with no limitation to scalability.

This provides total flexibility to configure the replication network to suit your needs.

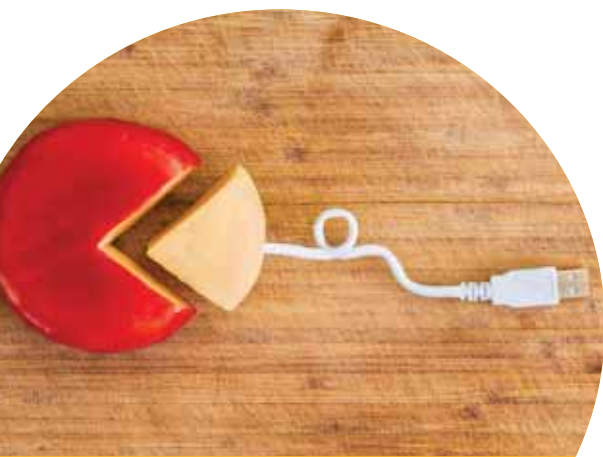
Scheduling

Our flexible scheduling options allow your sites to keep up to date seamlessly. SDR can even scatter your network replication schedule to ensure that central office is not to overburden. If you need an emergency session a manual initiation is available.

Sharing Data Slices

SDR allows you to put the Maximo data you need at each site using its patented Dynamic Data Slicing Architecture (DDSA).

DDSA operates at multiple levels allowing the dataset available to be defined dynamically. DDSA results in a subset of data called a "workset". The workset can be setup at the schema level, using table partitioning, at the query level, maintaining the relationships between multiple tables; and at the column level by identifying specific components of a record or fragments. This powerful technology allows applications to provide the "need to know" data support required by applications with significant security requirements.





SDR usage examples

Collision Handling

SDR provides the ability to configure how data collisions will be handled. When implemented, this versatility can provide a configuration that requires no manual intervention, freeing resource to focus on their jobs rather than data replication issues.

The integrity of your valuable data is no longer an issue when using SDR replication as you decide what happens when a collision occurs. Unlike a traditional replication network (transactional, store-forward) SDR will take the rules and handle collisions automatically.

Disaster/Session Recovery

SDR has an in-built recovery model that eliminates the need for an administrator to find and provide log files. By eliminating log file management, SDR allows recovery to occur even when systems are offline for an extended time. If a system needs to operate offline for weeks, months or longer, it will reconnect to the replication network and recover its dataset automatically.

Fragments

SDR will allow you to configure fragments of data instead of sending entire rows. Fragments will allow only data that is pertinent to the change being sent resulting in greatly reduced bandwidth usage and an optimal replication session.

This unique functionality was harnessed by one of our customers who reduced their replication bandwidth usage by 80%.

Connectivity Issues

Does your organization suffer from connectivity issues, slow network speeds, poor network application performance or even a combination of all three?

SDR can help your organization by allowing duplicate installations of your application to be provisioned local to your affected end users; therefore providing the same speed, performance and connectivity that your head office staff achieve.

Boosting productivity, reducing waiting times and increasing overall staff satisfaction when interacting with your Maximo.



SDR Implementations



Oil & Gas

US | California

- 30+ ships remotely connected
- Found 80% saving on data transmitted with fragmentations



LIFE SCIENCES

UK | OXFORD

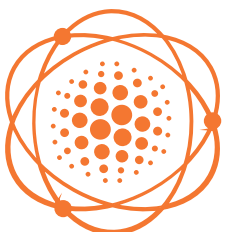
- Connecting ships, polar operations station, aircrafts and remote workers with the HQ



MARINE | NL

SOUTH HOLLAND

- 75+ vessels replicating together
- Data shared dynamically across different vessel types



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